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**D412-702-021**  
**Job Sheet 190121**



**Part No:** D412-702-021

**Job Qty:** 1 pcs

**Part Name:** Shoulder Harness, 4 Point Attachment, 13 Man Configuration



**Part Weight:** 0 lbs

**Status:** New

**Priority:** Medium

**Job Created:** 2/5/19

**Job Tracking No:**

**Due Date:** 3/15/19

**Created By:** Jesse White

**Type:** Stock

**Description:** SIOP

**Note:** DWG IIN-D412-702-1 REV A SHEET 20, DSI9559 REV A, DSI9766 REV A IPP Rev:B Removed  
Manufacturing 05-11-08 JLM IPP Rev:C IPP rev D 06.12.14 per ecn 871 EC IPP Rev:E 07-03-14 As per DSI  
9351 JLM IPP Rev:F 07-07-28 As per Rev E JLM Verified By:ec IPP Rev.G 11.05.31 DSI 9559 EC verified  
by:JLM IPP REV:H 17.03.13 AS PER DSI9766-011 DD VERF:JFS

**Ship Via:**

### Bill of Materials

### Job Routing

| Op<br>No | Operation              | Qty   | Start Date | Due<br>Date | Standard     |            | Workcenter/Supplier   |           | Sign-off |
|----------|------------------------|-------|------------|-------------|--------------|------------|-----------------------|-----------|----------|
|          |                        |       |            |             | Setup<br>Hrs | Run<br>Hrs | Workcenter / Supplier | Lead Time |          |
| 110      | Packaging 1 - Pick Kit | 1 pcs | 3/15/19    |             | 0.00         | 0.00       | Packaging 1 - 1       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 2       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 3       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 4       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 5       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 6       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 7       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 8       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 9       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 10      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 11      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 12      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 13      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 14      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 15      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 16      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 17      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 18      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 19      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 20      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 21      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 22      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 23      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 24      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 25      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 26      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 27      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 28      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 29      |           |          |



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**Container No:** S188603



**Part:** D412-702-021

**Job No:** 190121

**Serial No/Batch:** S188603

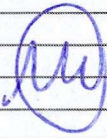
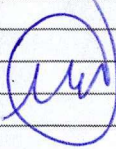
**Revision:**

**Inspector:**

**Exp Date:**

**Instructions:** TC STC SH04-7 Issue 3, FAA STC SR01997N



|                                                                                                                                                                                                                                     |       |         |           |                        |                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|-----------|------------------------|-------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                     |       |         |           | Packaging 1 - 30       |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 1 - 31       |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 1 - 32       |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 1 - 33       |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 1 - 34       |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 1 - 35       |                                                                                     |
| 120 QC 4                                                                                                                                                                                                                            | 1 pcs | 3/15/19 | 0.00 0.00 | QC 4 - 26              |  |
|                                                                                                                                                                                                                                     |       |         |           | QC 4 - 28              |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | QC 4 - 38              |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | QC 4 - 42              |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | QC 4 - 58              |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | QC 4 - 6               |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | QC 4 - 69              |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | QC 4 - 9               |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | QC 4 - 46              |                                                                                     |
| 130 Packaging 3-1 - Stock - B4B                                                                                                                                                                                                     | 1 pcs | 3/15/19 | 0.00 0.00 | Packaging 3 - 1 - B4B  |  |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 2 - B4B  |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 3 - B4B  |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 4 - B4B  |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 5 - B4B  |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 6 - B4B  |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 7 - B4B  |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 8 - B4B  |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 9 - B4B  |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 10 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 11 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 12 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 13 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 14 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 15 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 16 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 17 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 18 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 19 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 20 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 21 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 22 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 23 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 24 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 25 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 26 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 27 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 28 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 29 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 30 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 31 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 32 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 33 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 34 - B4B |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | Packaging 3 - 35 - B4B |                                                                                     |
| 135 DC - 1 - B4B                                                                                                                                                                                                                    | 1 pcs | 3/15/19 | 0.00 0.00 | DC - 1 - B4B           | DAG<br>21 JUN 07 2019                                                               |
|                                                                                                                                                                                                                                     |       |         |           | DC - 2 - B4B           |                                                                                     |
| 140 QC 21 - FG                                                                                                                                                                                                                      | 1 pcs | 3/15/19 | 0.00 0.00 | QC 21 - FG - 21        | DAG<br>21 JUN 07 2019<br>9-50                                                       |
|                                                                                                                                                                                                                                     |       |         |           | QC 21 - FG - 70        |                                                                                     |
|                                                                                                                                                                                                                                     |       |         |           | QC 21 - SA - 53        |                                                                                     |
| Part Op 110 - (Pick Kit)<br>Descriptions: 120 - (QC4- 100% Inspect kits for completeness)<br>130 - (Identify as per dwg & Stock Location: _____)<br>135 - (Document Control)<br>140 - (QC21- Final Inspection - Work Order Release) |       |         |           |                        |                                                                                     |



## Job BOM

| Part / Item        | Component Name      | Quantity       | Operation                  | Container            |
|--------------------|---------------------|----------------|----------------------------|----------------------|
| AN4-13A            | Bolt                | 4 Ea (4 ea)    | 110-Packaging 1 - Pick Kit | 5149283              |
| AN4-20A            | Bolt                | 8 Ea (8 ea)    | 110-Packaging 1 - Pick Kit | 5149257              |
| AN4-5A             | Bolt                | 4 Ea (4 ea)    | 110-Packaging 1 - Pick Kit | 5155698              |
| D3195-041          | Bracket             | 2 pcs (2 ea)   | 110-Packaging 1 - Pick Kit | 5165292              |
| D3195-043          | Bracket             | 2 pcs (2 ea)   | 110-Packaging 1 - Pick Kit | 5185557              |
| D3196-1            | Bar                 | 1 pcs (1 ea)   | 110-Packaging 1 - Pick Kit | 5184059              |
| D3196-3            | Bar                 | 1 pcs (1 ea)   | 110-Packaging 1 - Pick Kit | 5184074              |
| D3196-4            | Bar                 | 1 pcs (1 ea)   | 110-Packaging 1 - Pick Kit | 5184247              |
| D3197-041          | Bar                 | 2 pcs (2 ea)   | 110-Packaging 1 - Pick Kit | 5184045              |
| D3198-1            | Fitting             | 4 pcs (4 ea)   | 110-Packaging 1 - Pick Kit | 5089835              |
| D3268-1            | Placard             | 2 pcs (2 ea)   | 110-Packaging 1 - Pick Kit | 5089519              |
| D3546-1            | Clip                | 2 pcs (2 ea)   | 110-Packaging 1 - Pick Kit | 5025793              |
| D3551-11           | Hook And Loop Tie   | 13 pcs (13 ea) | 110-Packaging 1 - Pick Kit | 5150525X115 14018X2  |
| D412-702-069       | Grommet             | 1 pcs (1 ea)   | 110-Packaging 1 - Pick Kit | 5186424              |
| D4387-041 5097527x | Harness Assembly    | 9 pcs (9 ea)   | 110-Packaging 1 - Pick Kit | 5036158x4 5073697 X2 |
| D4387-043          | Harness Assembly    | 4 pcs (4 ea)   | 110-Packaging 1 - Pick Kit | 5170063              |
| D5474-1            | Spacer              | 6 pcs (6 ea)   | 110-Packaging 1 - Pick Kit | 5011372              |
| D5475-1            | Anti Chafing Shield | 1 pcs (1 ea)   | 110-Packaging 1 - Pick Kit | 5025205              |
| D5475-2            | Anti Chafing Shield | 1 pcs (1 ea)   | 110-Packaging 1 - Pick Kit | 5023308              |
| MS21042L4          | Nut                 | 12 Ea (12 ea)  | 110-Packaging 1 - Pick Kit | 5157064              |
| MS24694-S152       | Screw               | 8 Ea (8 ea)    | 110-Packaging 1 - Pick Kit | 514122301            |
| MS24694-S154       | Screw               | 8 Ea (8 ea)    | 110-Packaging 1 - Pick Kit | 5034409              |
| MS24694-S162       | Screw               | 6 Ea (6 ea)    | 110-Packaging 1 - Pick Kit | 5005132              |
| NAS1149D0463J      | Washer              | 20 Ea (20 ea)  | 110-Packaging 1 - Pick Kit | 5158585              |

## Job Allocations

| Operation                  | Component Part | Required | Inventory | Allocated |
|----------------------------|----------------|----------|-----------|-----------|
| 110-Packaging 1 - Pick Kit | AN4-13A        | 4        | 604       | 0         |
|                            | AN4-20A        | 8        | 210       | 0         |
|                            | AN4-5A         | 4        | 164       | 0         |
|                            | D3195-041      | 2        | 3         | 0         |
|                            | D3195-043      | 2        | 11        | 0         |
|                            | D3196-1        | 1        | 5         | 0         |
|                            | D3196-3        | 1        | 6         | 0         |
|                            | D3196-4        | 1        | 8         | 0         |
|                            | D3197-041      | 2        | 8         | 0         |
|                            | D3198-1        | 4        | 14        | 0         |
|                            | D3268-1        | 2        | 8         | 0         |
|                            | D3546-1        | 2        | 13        | 0         |
|                            | D3551-11       | 13       | 27        | 0         |
|                            | D412-702-069   | 1        | 1         | 0         |
|                            | D4387-041      | 9        | 10        | 0         |
|                            | D4387-043      | 4        | 12        | 0         |
|                            | D5474-1        | 6        | 6         | 0         |
|                            | D5475-1        | 1        | 7         | 0         |
|                            | D5475-2        | 1        | 7         | 0         |
|                            | MS21042L4      | 12       | 1,868     | 0         |
|                            | MS24694-S152   | 8        | 33        | 0         |
|                            | MS24694-S154   | 8        | 36        | 0         |
|                            | MS24694-S162   | 6        | 58        | 0         |
|                            | NAS1149D0463J  | 20       | 2,962     | 0         |

## Part Specifications

Specifications could not be found.

Plex 6/7/19 11:47 AM dart.decosse.nancy

| QTY<br>-021 | QTY<br>-023 | QTY<br>-025 | QTY<br>-027 | QTY<br>-029 | QTY<br>-035 | QTY<br>-081 | Part Number  | Description                                                            |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|------------------------------------------------------------------------|
| X           |             |             |             |             |             |             | D412-702-021 | Dart 13-Man Shoulder Harness Kit, 4-point                              |
|             | X           |             |             |             |             |             | D412-702-023 | Dart 5-Man Forward Facing Shoulder Harness Kit, 4-point                |
|             |             | X           |             |             |             |             | D412-702-025 | Dart 4-Man Aft Facing Shoulder Harness Kit, 4-point                    |
|             |             |             | X           |             |             |             | D412-702-027 | Dart 4-Man Side Facing Shoulder Harness Kit, 4-point                   |
|             |             |             |             | X           |             |             | D412-702-029 | Dart 1-Man Forward Facing Shoulder Harness Kit, 4-point                |
|             |             |             |             |             | X           |             | D214-702-035 | Dart 5-Man Aft Facing Shoulder Harness Kit, 4-point, for Bell 214B/B-1 |
|             |             |             |             |             |             | X           | D412-702-081 | Dart 2-Man Aft Facing Shoulder Harness Kit, 4-point                    |
| 1           | 1           |             | 1           | 1           |             |             | D412-702-069 | GROMMET KIT                                                            |
| 2           | 2           |             |             |             |             |             | D3195-041    | BRACKET                                                                |
| 2           | 2           |             |             |             |             |             | D3195-043    | BRACKET                                                                |
| 1           | 1           |             |             | 1           |             |             | D3196-1      | BAR                                                                    |
| 1           |             |             | 1           |             |             |             | D3196-3      | BAR                                                                    |
| 1           |             |             | 1           |             |             |             | D3196-4      | BAR                                                                    |
| 2           | 2           |             |             |             |             |             | D3197-041    | BAR                                                                    |
| 4           |             | 4           |             |             |             | 2           | D3198-1      | FITTING                                                                |
| 2           | 2           |             |             |             |             |             | D3268-1      | PLACARD                                                                |
| 9           | 5           |             | 4           | 1           |             |             | D3446-041    | HARNESS ASSEMBLY, 4 POINT                                              |
| 4           |             | 4           |             |             |             | 2           | D3446-043    | HARNESS ASSEMBLY, 4 POINT                                              |
|             |             |             |             |             | 5           |             | D3446-045    | HARNESS ASSEMBLY, 4 POINT                                              |
| 13          | 5           | 4           | 4           | 1           | 5           | 2           | D3551-11     | HOOK AND LOOP TIE                                                      |
| 2           | 2           |             |             |             |             |             | D3546-1      | CLIP                                                                   |
| 4           |             | 4           |             |             |             | 2           | AN4-5A       | BOLT                                                                   |
| 4           | 4           |             |             |             |             |             | AN4-13A      | BOLT                                                                   |
| 8           |             | 8           |             |             |             | 4           | AN4-20A      | BOLT                                                                   |
| 20          |             | 20          |             |             |             | 10          | AN960JD416   | WASHER (OR NAS1149D0463J)                                              |
| 12          |             | 12          |             |             |             | 6           | MS21042L4    | NUT (OR MS21042-4)                                                     |
| 8           | 2           |             | 6           | 2           |             |             | MS24694-S152 | SCREW                                                                  |
| 8           | 2           |             | 6           | 2           |             |             | MS24694-S154 | SCREW                                                                  |

| QTY<br>-069 | Part Number  | Description   |
|-------------|--------------|---------------|
| X           | D412-702-069 | GROMMET KIT   |
| 24          | D3619-2      | GROMMET       |
| 1           | D3619-2T1    | HOLE PUNCH    |
| 1           | D3619-2T2    | STRIKER BLOCK |
| 1           | D3619-2T3    | PUNCH         |
| 1           | D3619-2T4    | DIE           |